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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/595,056	01/20/2006	Michael Steffen	72.105	1915

23598 7590 06/29/2010  
BOYLE FREDRICKSON S.C.  
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EXAMINER
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SORKIN, DAVID L

ART UNIT	PAPER NUMBER
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1797

NOTIFICATION DATE	DELIVERY MODE
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06/29/2010

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@boylefred.com

### **ADVISORY ACTION**

1. The proposed amendment of claim 21 raises 112 first and second paragraph issues. The proposed claim is basically requiring that the automatic reversing means is an on-off switch.
2. Claim 20 required “operating state change means for automatically reversing the direction of rotation...” while claims 21 and 22 depend directly from claim 20 and are phrased as if they were species, whereas there is no disclosure of two such species in the specification.
3. The specification provides no structural information concerning the supposed corresponding structure of the “means for automatically reversing”. An applicant may recite a limitation functionally; however, if an applicant chooses to invoke section 112 sixth paragraph, at least on corresponding *structure* must be described. The application provides no such structural information.
4. Although proposed claim 1 would require the “operating state change device” as part of the claim structure, this would create new combination of limitation that would necessitate further search and consideration.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DAVID L. SORKIN whose telephone number is (571)272-1148. The examiner can normally be reached on Mon.-Fri. 7:30AM-4:00PM.

Examiner Sorkin will be out of the country between 6/24 and 7/14/2010.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Walter D. Griffin can be reached on 571-272-1447. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/DAVID L. SORKIN/  
Primary Examiner, Art Unit 1797